

19980328.qrp v01_n043.qrs.980328

Date: Sat, 28 Mar 1998 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1043

QRP-L Digest 1043

Topics covered in this issue include:

- 1) [7032] Attention Key-8 Owners
by "Marshall Emm" <mgemm@mtechnologies.com>
- 2) [7033] Re: Elmer101: parts ID (was: TR switching and low pass filter)
by Lynn Simons <lsimons1@ix.netcom.com>
- 3) [7034] Re: elmer101: TR switching and low pass filter
by Lynn Simons <lsimons1@ix.netcom.com>
- 4) [7035] Re: elmer101: TR switching and low pass filter
by Roger Braker <msebrakr@telepath.com>
- 5) [7036] Re: Lead benders and cores
by dave dabay <kd3pc@usit.net>
- 6) [7037] Re: Why not needle nose pliers?
by "George Edwards" <gedwards@OnRamp.NET>
- 7) [7038] Re: [Web Page and Mystery Paddle]
by Mike - W0TMW <crucis@sky.net>
- 8) [7039] elmer101:
by dave_epps@juno.com
- 9) [7040] FDIM Registration Info (again)
by kt3a@juno.com (Cameron C.R. Bailey)
- 10) [7041] Re: QRP+
by B1ljohn <B1ljohn@aol.com>
- 11) [7042] Elmer 101 Prints
by Chuck Carpenter <w5usj@webwide.net>
- 12) [7043] contest
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 13) [7044] SW40+ Schematic
by ki7mn@dancris.com
- 14) [7045] Re: groat clusters
by John Sulllivan <kg0mz@southwind.net>
- 15) [7046] QF-1A manual needed
by "Timothy J. Pettibone" <tpettibo@nmsu.edu>
- 16) [7047] re: Sound Card in 386SX
by Chuck and Michele Snyder <csnyder@nextdim.com>
- 17) [7048] Re: Sound Card in 386SX
by "George T. Baker" <w5yr@swbell.net>
- 18) [7049] Printing the SW-40+ Schematic...
by Conrad <radman@best.com>
- 19) [7050] MFJ 9420 drift

- by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
- 20) [7051] Sockets - to be or not to be
by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
- 21) [7052] Re: broken slugs
by Monte Stark <ku7y@dri.edu>
- 22) [7053] NorCal 2N2222 on Radio Havana Cuba
by Paul Harden <pharden@aoc.nrao.edu>
- 23) [7054] Is the CW Reflector Gone, or Moved?
by "Len W. Touth" <len@infinet.com>
- 24) [7055] Re: Elmer 101 NE612's/ Sockets????
by "Harry Hurst" <hhurst@delaware.infi.net>
- 25) [7056] Re: Elmer 101 Prints
by Bruce Rattray <rattray@gpfn.sk.ca>
- 26) [7057] RE: Walking Stick Antenna ??
by Rogerio Gonzaga <gonzaga@med.up.pt>
- 27) [7058] Re: NorCal 2N2222 on Radio Havana Cuba
by olyellr@iglou.com
- 28) [7059] contact cleaner
by ac5ez@webtv.net (Larry B)
- 29) [7060] stopping reflector
by N5SMQ <N5SMQ@aol.com>
- 30) [7061] Re: Why not needle nose pliers?
by Jess Gypin <jessqrp@concentric.net>
- 31) [7062] Re: Why not needle nose pliers?
by "Bob Duckworth" <wb4mnf@atl.org>
- 32) [7063] Re: Elmer 101 Prints
by Chuck Carpenter <w5usj@webwide.net>
- 33) [7064] WQ4RP at Core Banks - Strike 2!
by "Craig LaBarge" <labarge@hotmail.com>
- 34) [7065] Re: Why not needle nose pliers?
by Monte Stark <ku7y@dri.edu>
- 35) [7066] Re: NorCal 2N2222 on Radio Havana Cuba
by sigcom@juno.com (Stephen M Smith)
- 36) [7067] WQ4RP at Core Banks - Strike 2!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 37) [7068] Re: Norcal Paddle mod question
by Paul Erickson <paul1@wizard.ucs.sfu.ca>
- 38) [7069] Re: contest
by Vic Rosenthal <rakefet@rakefet.com>
- 39) [7070] Re: contest
by "George T. Baker" <w5yr@swbell.net>
- 40) [7071] KK6MC/5 Fox Results and an Apology
by "James R. Duffey" <jamesd1@flash.net>
- 41) [7072] Re: Elmer 101 NE612's/ Sockets????
by Leon Heller <leon@lfheller.demon.co.uk>
- 42) [7073] Re: Battery chargers
by Leon Heller <leon@lfheller.demon.co.uk>
- 43) [7074] The Fox Stands Corrected

by "James R. Duffey" <jamesd1@flash.net>
44) [7075] TOWER WOES
by DENNIS MO <DENNISMO@aol.com>
45) [7076] Re: contest
by Ed <edn4pk@VoyagerOnline.net>
46) [7077] Gotham
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
47) [7078] WQ4RP at Core Banks - Connect!
by "Craig LaBarge" <labarge@hotmail.com>
48) [7079] WTB Coil stock
by "JUNIUS B FOX" <w5hir@gte.net>
49) [7080] Re: Elmer 101 NE612's/ Sockets????
by "Ray Lowe" <wd5dhk@hotmail.com>
50) [7081] Re: Elmer 101 NE612's/ Sockets????
by "Roy Lincoln" <cc1595@cocentral.com>
51) [7082] WTS(wap) Turbine and constant speed drive for R390A
by "Bob Duckworth" <wb4mnf@atl.org>
52) [7083] snail mail
by RangerSF5 <RangerSF5@aol.com>
53) [7084] Re: Battery chargers
by adams@chuck.dallas.sgi.com (Chuck Adams)
54) [7085] Re: NorCal 2N2222 on Radio Havana Cuba
by nilsbull@juno.com (Nils R Young)
55) [7086] Ham Radio Mag Query
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
56) [7087] Web site
by Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
57) [7088] RE: Walking Stick Antenna ??
by Bruce Muscolino <w6toy@pop.erols.com>
58) [7089] Timonium Hamfest QRP Forum
by Bruce Muscolino <w6toy@pop.erols.com>
59) [7090] WQ2RP Lives!
by Ken Newman <n2cq@citnet.com>
60) [7091] Re: Battery charges
by Robert Bayha <rbayha@ix.netcom.com>
61) [7092] Re: Ham Radio Mag Query
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

Date: Fri, 27 Mar 1998 17:33:22 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@Lehigh.EDU, cq@qrp-l.com
Subject: [7032] Attention Key-8 Owners
Message-ID: <199803280034.RAA06498@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

If you own an ElectroInstrument Key-8, you will no find detailed,
illustrated instructions for setting it up on the web page at:

<http://www.mtechnologies.com/key8adj.htm>

Comments welcome

73

Marshall Emm

N1FN/VK5FN

n1fn@mtechnologies.com

Milestone Technologies

Software, kits, tools...

<http://www.mtechnologies.com>

(303)752-3382

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Date: Fri, 27 Mar 1998 18:40:25 -0600

From: Lynn Simons <lsimons1@ix.netcom.com>

To: leinwebe@mcmail.CIS.McMaster.CA

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [7033] Re: Elmer101: parts ID (was: TR switching and low pass filter)

Message-ID: <351C46F9.BAC40220@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Glen,

I would like to thank you for the wonderful info you put out there for
us. I really appreciate!

73/72,

Lynn, KJ3V

Birmingham, AL

Date: Fri, 27 Mar 1998 18:42:34 -0600

From: Lynn Simons <lsimons1@ix.netcom.com>

To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7034] Re: elmer101: TR switching and low pass filter
Message-ID: <351C477A.93D3D240@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

Thank you so much for the wonderful explanation and answers to Roger's questions! Even a novice in electronics like me can understand everything you said. Boy, this is going to be the best thing I ever signed up for!

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Fri, 27 Mar 1998 20:03:52
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [7035] Re: elmer101: TR switching and low pass filter
Message-ID: <3.0.1.16.19980327200352.30ef5bf8@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

HI Guys,
Thanks for explaining that. It helps me understand the circuit a lot better. Those are the kinds of things that seem obvious when someone points them out to you but before you knew about them, you could have never guessed. CUL.

73,
Arnold kd5ckh

Date: Fri, 27 Mar 1998 20:11:46 -0500
From: dave dabay <kd3pc@usit.net>

To: PDouglas12@aol.com
Cc: QRP-1@Lehigh.EDU
Subject: [7036] Re: Lead benders and cores
Message-ID: <1.5.4.32.19980328011146.00686400@pop.usit.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:40 PM 3/27/98 EST, you wrote:

>Guys,
>
>If you are a newcomer to kit building, be assured, you DO NOT need a lead
>bending jig to build any of the kits on the present market. I never even
>heard of a manual lead bender until today, and I have built almost every kit
>on the market. Hint: You can use your fingers to bend component leads! A
>lead bending device might be fun to use, but goodness gracious, you don't NEED
>one any more than you NEED a Corvette.
>

Everyone NEEDS to own, rent or at least drive a Corvette at least once in their lifetime. It is an experience. You may or may not like it, but never take anyones word for it. Try It!!They are engineering marvels no matter which way you look them. Anyway a lead bender keeps the fragile ends of components from cracking, chipping or internally breaking (diodes). Sure the old fashioned method of pulling them over your finger gives you about .5 inch, but your fingers may differ.

I even install all of my resistors and caps with the bands going the same way so that when needed, the values can easily be read for troubleshooting purposes. No I am not a type A personality, just found that it looks better and is easier to fix that way.

Cores stuff deleted, as I agree totally with Preston on this. Talc sometimes helps, but not always.

dave

>
>Preston Douglas WJ2V
>
>
>

Dave Dabay KD3PC QRP-L #365
Owner Elk Creek Dragway, IHRA and SBRA Sanctions

Date: Fri, 27 Mar 1998 19:13:08 -0600
From: "George Edwards" <gedwards@OnRamp.NET>
To: <dmaliniak@penton.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [7037] Re: Why not needle nose pliers?
Message-ID: <199803280118.TAA13145@mailhost.onramp.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Needle nose pliers are flat across the area of contact and therefore have very sharp corners on the edges....when bending leads to a 90 degree angle or more they will often cut the leads at the inside edge of the bend and can cause the lead to separate at this point when the Printed Circuit Board bends slightly during installation, etc. I have worked for many years in the electronic manufacturing and assembly industry and the soldering and hand assembly courses that I have seen recommend that you use round nose pliers for bending wires for hand installation (both jaws are round so that they don't cut the wire at the inside of the bend). There are many tools for use in the prep area of an assembly line that are use to cut, bend, or crimp the leads and/or wires for mass production... but you really wouldn't need them for non-production hand assembly. Allied Electronics Catalog lists a Lead Bender Crimper for \$31.95 if you really want to get one that will do the various lead bends and crimps with a forming tool.

George

> From: David Maliniak <dmaliniak@penton.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Why not needle nose pliers?
> Date: Friday, March 27, 1998 3:41 PM
>
> Hey Chuck:
>
> You say you never use needle-nose pliers for lead bending but you didn't
> say why not... so... why not? I say again, it's worked just fine for me
> over the course of a dozen or so kits and homebrew projects. Maybe my
> inexperience is showing, but I've yet to trash a part because of them.
> FYI, I'm using the smallest Craftsman pliers I could find. And hey,
> they're guaranteed forever.
>
> Maybe there's something I should know about needle-nose pliers that I
> haven't yet learned the hard way?
>
> 72, David N2SMH
> Glen Rock, NJ
>

> p.s. I'll be off-line for a week... your reply should probably be posted
> here for the edification and enlightenment of the faithful.
>

Date: Fri, 27 Mar 1998 19:35:41 -0600
From: Mike - W0TMW <crucis@sky.net>
To: Chuck Adams <adams@chuck.dallas.sgi.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7038] Re: [Web Page and Mystery Paddle]
Message-ID: <351C53ED.E2A86683@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>
> Gang,
>
Snip!

>
> Also, near the bottom of the main web page are two new photos
> (scanned in) that I had received in the mail. Photos of a new
> Iambic Paddle weighing in at 5 pounds (2Kg+) that is done
> by an amateur machinist. This same individual, who will
> shoot me if I give out additional info at this time :-),
> is planning on starting production of these puppies in the
> fall timeframe. This same individual owns the other famous
> paddles, so does know his paddles, and plans to make this one
> the best of the best. But before you the reader do the
> "QRP-L patented happy dance" you should know that this item
> will not be inexpensive.

Jeez! Chuck, it looks GOLD PLATED!

> This is one of those "I love CW
> and cost is no object and Santa Claus is gonna be good to
> me this year 'cuz I've been a good kid...." type gifts
> for you to you. ;-) So I've started the couch-search,
> empty pants pockets, and desk drawer search for loose
> change and running along the highways picking up aluminum
> cans..... ;-) Exercise can be profitable. :-)
>
> I don't have dimensions, but it does use magnetic fields
> like the Mercury paddle, etc. Looks like 1997 and 1998
> are the years of the paddles along with all the other stuff

> going on.
>
> FYI
>
> Chuck Adams K5FO Dallas,TX CP-60
> <http://reality.sgi.com/adams> adams@sgi.com

--

=====
Mike Watson, W0TMW, QCWA Mbr # 28651, Chap. 35
Raymore, MO USA Grid: EM28st
<http://www.sky.net/~crucis>
E-mail: crucis@sky.net ARS# 352, QRP-L# 1489
=====

Date: Fri, 27 Mar 1998 18:19:11 -0800
From: dave_epps@juno.com
To: Qrp-l@Lehigh.EDU
Subject: [7039] elmer101:
Message-ID: <19980327.182930.11182.1.dave_epps@juno.com>

Was able to printout the schematic for the SW-40+ in Corel Presentations.
Looked lousy on the screen, but printed great.
Tks for making the info available.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 27 Mar 1998 21:25:54 -0500
From: kt3a@juno.com (Cameron C.R. Bailey)
To: QRP-L@Lehigh.EDU
Subject: [7040] FDIIM Registration Info (again)
Message-ID: <19980327.212555.3334.7.kt3a@juno.com>

Don't delay. If you have a room and are traveling, please
register soon. Here is the info again.

Amateur Radio QRP presentations, workshops and demonstrations will be the focus of the full day Thursday QRP Symposium to be held at QRP headquarters - the Days Inn Dayton South. Last year, this sold-out event had a "standing room only" crowd of 125 enthusiastic attendees. FDIM QRP Symposium attendees will start their day with a wake-up coffee social and then plunge into a full day of multimedia QRP presentations by renowned QRP authors and designers. Some sampling of topics already on the slate are Antenna Feeders, PCB Alternatives, G3RJV Six-Pack, Coherent CW, Transistor Modeling, Beyond the NE-602, QRP PIC Designs, and more. Culminating this first day, will be an evening QRP ARCI Author Social for folks to meet the QRP presenters. All are invited. The QRP ARCI "Four Days In May" 98 QRP Symposium will be the talk of the Dayton Hamvention.

FDIM QRP SYMPOSIUM REGISTRATION - Registration for the Thursday, May 14, 1998 FDIM QRP Symposium will be \$10 if prepaid by May 1, 1998 and \$12 after that date, or at the door. "At the door" registration may be limited if, once again, we sell out. Please register early to guarantee a seat. Registration will cover a full day of QRP Symposium activities, which include the QRP technical presentations, "Six-Pack" printed circuit board kit, those famous "special" Symposium bag stuffers and an endless QRO coffee pot. The \$10 registration fee also includes a complimentary copy of the FDIM 98 QRP Symposium Proceedings.

Please send your \$10 registration fee (US check, money order, international money order) made out to "QRP ARCI" and a SASE by May 1, 1998 to: Cameron Bailey KT3A, FDIM Symposium Registration at PO Box 173, Mt. Wolf, PA 17347
E-mail: kt3a@juno.com for information.

I will issue you a confirmation number upon receipt of your check.

I hope to see you there.
73, KT3A
Cameron C.R. Bailey

Mount Wolf, Pennsylvania
kt3a@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Fri, 27 Mar 1998 22:15:16 EST
From: Billjohn <Billjohn@aol.com>
To: cs-erh@nich-nsunet.nich.edu, qrp-1@Lehigh.EDU
Subject: [7041] Re: QRP+
Message-ID: <63f4178.351c6b46@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The QRP + has about five watts out. The SSB is less. The QRP++ though has approx 5 Watts SSB output because of the VOGAD speech processing. I have a QRP + which I had upgraded to the ++ version and I have had excellent success with the rig. While not perfect, I looked at the IC706 and decided to stick with the QRP ++. Hope this answers your question.

Bill
K9YEQ

Date: Fri, 27 Mar 1998 22:36:50 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-1@Lehigh.EDU
Subject: [7042] Elmer 101 Prints
Message-ID: <3.0.1.32.19980327223650.00694c1c@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-Lers

Here's one way you can get a print for the Elmer 101 project.

I'm using Win95 with Microsoft Internet Explorer. This may also work with other explorers. You should also get some legal size printer paper (8.5 x 14).

My printer is an HP870cse and uses the supplied HP Win95 printer driver.
Any other similar combination should also work.

Access Chuck's page and get to the SW40+ schematics. Open the .GIF version of the print and display it on the screen. Activate the print driver and change the Properties to portrait and select 8.5 x 14 paper size. Accept the changes and print the page. You should get a complete print of the schematic that is large enough to read even with my bad eyes.

You can also use the JPEG version but it's a lot bigger and takes longer to display. Note that you can almost get the schematic on 8.5 x 11 paper. If your print driver has a scaling option you should be able to make it fit and still be readable. I tried to open the .PS file after downloading but none of my graphics programs would open it without getting errors.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Fri, 27 Mar 98 18:37:33 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-l@Lehigh.EDU
Subject: [7043] contest
Message-ID: <9803280437.AA04728@krypton.nmr.Hawaii.Edu>

I got home a bit early Friday and decided to fire up the rig on 10 meters just for chuckles with 10 watts PEP.

I worked some fun stations like LU6, PY4, LU5, RA0, VK2, ZL1, and an LU4. Then I parked on an empty frequency and started calling CQ contest.

To my amazement I started a pileup! I worked nearly 50 Japan stations! in less than 30 minutes. With two 102 inch SS whips mounted as a dipole and 10 watts PEP.

I switched to 15 meters and snagged a few more including an H44 and a BV4.

It was a wild hour. Especially since all of these were multi-thousand mile contacts. JA2DLM was QRP at five watts.

The success of 10 meters during each of these contests really makes you

wonder if people are just assuming it is dead the rest of the time.

BTW, my Kenwood 570D measures about the same output when set to 10 watts as the Alinco DX70t does when set to 5 watts, anyone with a decent watt meter ever measure the power output of the lower power settings on a 570D?

Date: Fri, 27 Mar 1998 21:41:48 -0700 (MST)
From: ki7mn@dancris.com
To: qrp-l@Lehigh.EDU
Subject: [7044] SW40+ Schematic
Message-ID: <199803280441.VAA21870@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Chuck has posted a .gif file (and a .jpg file) of the SW40+ schematic on his web page.

For an easy way to print it, download it (get to the schematic, save as a .gif file) and bring it up in Paint Shop Pro, for instance.

Make it full size to check the clarity of the .gif, then print it. If your printer allows, set it to landscape before printing, and it will come out on one full page.

Thanks, Chuck. Now all I have to do is get the kit in my hands.
72,73
Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30
<http://www.dancris.com/~ki7mn>

Date: Fri, 27 Mar 1998 22:58:00 -0600
From: John Sulllivan <kg0mz@southwind.net>
To: bhowell@mail.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7045] Re: goat clusters
Message-ID: <351C8358.75050002@southwind.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>

>
> John... you must be referring to Hot Buttered groat clusters.
>
> You realize of course, that they are not available in Sector R.
>
>
>

You can get them at Chef Antoine's.

More science!

72 de kgomz

Date: Fri, 27 Mar 1998 22:19:25 -0700
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
To: qrp-1@Lehigh.EDU
Subject: [7046] QF-1A manual needed
Message-ID: <3.0.3.32.19980327221925.0068afac@dante.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Have acquired a QF-1A but without manual. I can figure out most stuff but would like a manual/copy of manual. Knowing this list, please check before sending - I only need one! I'll cover copy/postage costs + whatever. Thanks.

Tim K50I

Date: Fri, 27 Mar 1998 22:19:03 +0000
From: Chuck and Michele Snyder <csnyder@nextdim.com>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [7047] re: Sound Card in 386SX
Message-ID: <351C25D7.C2727DBF@nextdim.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Well, thanks to Wayne (WB7WHI), I have sound in my PC. He also gave me a 14.4 modem, but I will set that up later. I don't have a phone connection in our basement or in the shack. Installing the 16-bit card gave me sound, but there still is nothing coming out of the PC speaker. There must be a problem with the motherboard. Remember I jumped the speaker and checked it for continuity, so I deducted it must be okay. I like the Super Morse, but I tend to favor the Nu Morse on our pentium machine.

Will the 40-meter kit be available on April the 1'st? Yes...APRIL FOOLS! A little qrp humor there. We are siimplly eager. I must comment on the participation on this Elmer Project. I feel it will be a great learning experience...THANKS ALOT to all the elmers.

--

Chuck Snyder (KD7BBF)
<http://www.nextdim.com/users/csnyder/index.htm>
QRP-L #1462
Spokane, WA

Date: Sat, 28 Mar 1998 00:39:43 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: csnyder@nextdim.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7048] Re: Sound Card in 386SX
Message-ID: <351C9B2F.CE986BEC@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck, it is an old ham tradition that the recipient of a new call must suffer the various phonetics that his "friends" concoct for him.

So, best of luck, "Barbequed Beans and Franks!"
 ^ ^ ^

Welcome aboard!

--

72/73, George
Amateur Radio W5YR
QRP-L #1373
QRP ARCI #9583

AutoPOWER Systems
Fairview, TX

Date: Fri, 27 Mar 1998 23:08:26 -0800
From: Conrad <radman@best.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [7049] Printing the SW-40+ Schematic...
Message-ID: <01BD59D5.401B9EE0@radman.vip.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Friends,

Don't know if someone has already posted this: If you're running Win95 =
and MS-Word95/97 you can save the schematic as a .GIF file and simply =
insert the .GIF file in an MS-Word document. Once it's on the page you =
can print it 1:1 (about one third of an 8.5" X 11" page) or you can =
"drag" the size of the .GIF -- in the Word document -- to fill the page. =
Print it in landscape mode and you've got a BIG schematic! Naturally, =
there's a loss of resolution as you go larger.

Not as elegant as other methods but, looks better than I would have =
expected !=20

72 - Conrad -- nn6cw.

Date: Fri, 27 Mar 1998 22:54:55 +0000
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
To: qrp-1@Lehigh.EDU
Subject: [7050] MFJ 9420 drift
Message-ID: <vQoly0A\$4CH1EwxY@g3ycc.prestel.co.uk>
MIME-Version: 1.0

Has anyone suffered VFO drift in the MFJ 9420 SSB rig and cured it? I
have yet to delve into mine, but with the VFO on 4 mhz it should be
pretty stable...
Best regards all.

--

Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)
QRP Web Page: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Fri, 27 Mar 1998 22:53:22 +0000
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
To: qrp-1@Lehigh.EDU
Subject: [7051] Sockets - to be or not to be
Message-ID: <hAPmGLAi3CH1EwQm@g3ycc.prestel.co.uk>
MIME-Version: 1.0

It might be a good idea to consider using IC sockets for some applications. For instance, some audio ICs rely on the groundplane of a PCB for heatsinking, such as the LM380N. I have known such devices to go pop when used in a socket rather than being directly soldered in maybe due to bad heat conductivity. Anyone got any comments on this? Also, if you anticipate having to salvage an IC for other circuits, yes a socket is a good idea. I have many NE602's soldered into PCBs from 'failed' or obsolete projects. I wish I'd used sockets on them as they are becoming more difficult to find now manufacture has ceased...
Onward Christian Solderers...

--
Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)
QRP Web Page: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Fri, 27 Mar 1998 23:43:18 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Mike - W0TMW <crucis@sky.net>
Cc: ku7y@dri.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7052] Re: broken slugs
Message-ID: <Pine.SOL.3.96.980327234156.13585D-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Mike,

You are right. Must be waxed floss.

I have seen rubber bands used also but they don't hold up in the heat.

In the shop we always had lacing cord around and used it. It is like a very heavy, waxed dental floss.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 28 Mar 1998 01:11:57 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [7053] NorCal 2N2222 on Radio Havana Cuba
Message-ID: <Pine.SOL.3.91.980328005309.18840A@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Received an email this morning from the most familiar voice on Radio Havana Cuba, Professor Arnie Coro, C02KK. He has heard about the NorCal 2N2222 design contest and wants to talk about it this weekend on his amateur radio program "DX Unlimited." He said 2N2222's are bit hard to find in Cuba and wanted to know if anything else was allowed. So I emailed him the list of 2N2222 equivalents and specifications I had posted to QRP-L. They are desperately trying to get into the solid state age down there and a few of them have discovered QRP-L.

In my email back to him, I asked for the times that "DX Unlimited" airs on RHC. No answer yet, but will post it as soon as he answers back. It seems it is around 7-8pm Saturday nites Mountain time. Or if anyone knows, let me (or the group) know. Good excuse to dust off those short wave receivers ... the old Hammarlunds, Nationals, Zeniths and Hallicrafters you have laying around and see if the old type 80 rectifier still glows! Or worse, see if the Pip Squeek regen still works too -hi. I do listen to RHC now and again, but must admit, the frequencies are loaded in memory channels in my FRG-100. I think they are 9475MHz, and on 49M, right around 6MHz (6020 or something). I'll check when I get home for sure. But generally, you can't miss them, they're pretty loud. And if you've *ever* heard Radio Havana Cuba, you know they have a distinctive sound and an unforgettable marching anthem they use for half-hour ID's.

I asked what most hams use in Cuba, and Arnie emailed me a lengthy description of the rigs most people make called the "Islander." It is

made completely from salvaged 1950's Russian TV's, using the fly-back transformer wire to wind all the coils, and of course, all vacuum tubes. Makes you want to send them one of those QRP rigs collecting dust. I'll clean up his email and post it this weekend. It is a description of what those poor fellas goes through to get on the air you just have to read. It gave me a new respect for the next time I work a C02!

72, Paul NA5N/QRP and part time SWLer

Date: Sat, 28 Mar 98 07:39:58 -0000
From: "Len W. Tough" <len@infinet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [7054] Is the CW Reflector Gone, or Moved?
Message-ID: <199803281242.HAA11860@mail1.infinet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Ops:

Havn't received anything on the CW reflector lately. Is it gone? Or has it moved?

73:

Len Touth
len@infinet.com

[illegible]

Date: Sat, 28 Mar 1998 07:21:19 -0500
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [7055] Re: Elmer 101 NE612's/ Sockets????
Message-ID: <199803281212.HAA10988@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

KISS - Keep It Simple, Stupid!

Why add components to a circuit that contribute nothing to performance, and are a potential source of trouble? Over the years, I have made a lot of money repairing equipment down due to ic socket problems.

> > From: Gary L Surrency <gsurrency@juno.com>; owner-qrp-1@Lehigh.EDU
> >
> > Ray Lowe, WD5DHK wrote:
> >
> > >A potential problem that I have seen several times with sockets is
> > >corrosion between the I.C. pins and the socket.
> >
> [deleted]
>
> 72/73 de WB8RCR
>

Date: Sat, 28 Mar 1998 06:51:05 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Chuck Carpenter <w5usj@webwide.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7056] Re: Elmer 101 Prints
Message-ID: <Pine.SOL.3.91.980328064852.12234A-100000@GPFN1.GPFN.SK.CA>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is exactly how I printed the schematic at work where I have the facilities to do this...Win95, Internet Explorer, HP Deskjet 600C. change to 8.5x14 and all is well...72 - Bruce(VE5RC)

On Fri, 27 Mar 1998, Chuck Carpenter wrote:

> QRP-Lers
>
> Here's one way you can get a print for the Elmer 101 project.
>
> I'm using Win95 with Microsoft Internet Explorer. This may also work with
> other explorers. You should also get some legal size printer paper (8.5 x
> 14).
>
> My printer is an HP870cse and uses the supplied HP Win95 printer driver.
> Any other similar combination should also work.
>
> Access Chuck's page and get to the SW40+ schematics. Open the .GIF version
> of the print and display it on the screen. Activate the print driver and
> change the Properties to portrait and select 8.5 x 14 paper size. Accept
> the changes and print the page. You should get a complete print of the
> schematic that is large enough to read even with my bad eyes.
>
> You can also use the JPEG version but it's a lot bigger and takes longer to
> display. Note that you can almost get the schematic on 8.5 x 11 paper. If
> your print driver has a scaling option you should be able to make it fit
> and still be readable. I tried to open the .PS file after downloading but
> none of my graphics programs would open it without getting errors.
>
> 72/73 -- Chuck, W5USJ, EM22cv
> Rains County, Eagle Capitol of Texas
> ARCI # 5422, QRP-L # 1306, FISTS # 3984
>
>

Date: Sat, 28 Mar 1998 11:46:54 GMT
From: Rogerio Gonzaga <gonzaga@med.up.pt>
To: qrp-l@Lehigh.EDU
Subject: [7057] RE: Walking Stick Antenna ??
Message-ID: <199803281146.LAA22303@mail.med.up.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hy, folks,

abt...

>
>I caught part of a 2 meter QSO today about a 40 meter Walking Stick Antenna

>that worked great. Any info on this would be appreciated. Sounds like it could
>be a good qrp homebrew project.

>

>Thanks in advance

>

>72,

>Gordon kf4eib

..... it looks nice, would appreciate any eventual info to my
address...

Best 72/73 de Roger, CT1ETT

Prof. Rogerio A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK
Member of the Portuguese College of Surgeons

Radio Amateur CT1ETT		QTH Loc IN51re
G-QRP Club # 8673	ISWL # CT-20574	QRP-L # 516
NorCal QRP Club # 2130	ARS # 268	REP # 840
	FISTS # 2878	
Email: gonzaga@med.up.pt	OR	rafg@esoterica.pt

Date: Sat, 28 Mar 1998 08:24:27 -0500
From: olyellr@iglou.com
To: pharden@aoc.nrao.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [7058] Re: NorCal 2N2222 on Radio Havana Cuba
Message-ID: <3.0.5.32.19980328082427.00794830@iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:11 AM 3/28/98 -0700, Paul Harden wrote:

>

>Received an email this morning from the most familiar voice on
>Radio Havana Cuba, Professor Arnie Coro, C02KK. He has heard about

>the NorCal 2N2222 design contest and wants to talk about it this
>weekend on his amateur radio program "DX Unlimited." He said 2N2222's
>are bit hard to find in Cuba and wanted to know if anything else was
>allowed. So I emailed him the list of 2N2222 equivalents and
>specifications I had posted to QRP-L. They are desperately trying to
>get into the solid state age down there and a few of them have
>discovered QRP-L.

>

>In my email back to him, I asked for the times that "DX Unlimited"
>airs on RHC. No answer yet, but will post it as soon as he answers
>back. It seems it is around 7-8pm saturday nites Mountain time. Or
>if anyone knows, let me (or the group) know.

I have the times as,

0135utc---6000mhz & 9820mhz

0335utc---6000mhz & 9820mhz

0535utc---9820mhz

There is another freq which is USB, but those above should do it.

I had the pleasure and the honor of working Arnie on 15mtrs a couple
of days ago, and am looking forward to his show myself.

73,

KE4HLU/AG

FISTS #4139

QRP-L #1395

Date: Sat, 28 Mar 1998 07:27:49 -0600

From: ac5ez@webtv.net (Larry B)

To: qrp-l@Lehigh.EDU

Subject: [7059] contact cleaner

Message-ID: <199803281327.FAA15937@mailtod-121.bryant.webtv.net>

Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Content-Transfer-Encoding: 7BIT

MIME-Version: 1.0 (WebTV)

Thanks all for several ideas on contact cleaner. The one most easy to
find was "rim oil" with teflon lubricant suggested by w5blr. I used it
and it worked good.

Larry ac5ez
qrp-l 1515
qcwa

Date: Sat, 28 Mar 1998 08:42:10 EST
From: N5SMQ <N5SMQ@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [7060] stopping reflector
Message-ID: <c3fcf87.351cfe34@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

HELP!!! Got too many reflectors, I need to stop some, and I need to know how to stop this one.... Thanks Butch N5SMQ

Date: Sat, 28 Mar 1998 06:55:20 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7061] Re: Why not needle nose pliers?
Message-ID: <351D0148.BCCBED1E@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have used smooth jawed needle nose pliers to bend leads for 20 years at home, in kits, and for work. I have NEVER broken a lead due to bending. The component lead bender guide thingamajiggies are a waste of money. That is unless you get one free!

Jess

David Maliniak wrote:

> Hey Chuck:
>

> You say you never use needle-nose pliers for lead bending but you didn't
> say why not... so... why not? I say again, it's worked just fine for me
> over the course of a dozen or so kits and homebrew projects. Maybe my
> inexperience is showing, but I've yet to trash a part because of them.
> FYI, I'm using the smallest Craftsman pliers I could find. And hey,
> they're guaranteed forever.
>
> Maybe there's something I should know about needle-nose pliers that I
> haven't yet learned the hard way?
>
> 72, David N2SMH
> Glen Rock, NJ
>
> p.s. I'll be off-line for a week... your reply should probably be posted
> here for the edification and enlightenment of the faithful.

--

Jess NOTFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/NOTFI> Fox Audio Page

Date: Sat, 28 Mar 1998 10:21:55 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: <jessqrp@concentric.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [7062] Re: Why not needle nose pliers?
Message-ID: <199803281408.JAA02944@atl.org>

Why not fingers?
Use the edge of the same rule you
use to measure length to bends.

Or are we talking production work????
-bob
wb4mnf

Date: Sat, 28 Mar 1998 09:24:57 -0600
From: Chuck Carpenter <w5usj@webwide.net>

To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: <qrp-1@Lehigh.EDU>
Subject: [7063] Re: Elmer 101 Prints
Message-ID: <3.0.1.32.19980328092457.006959b0@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yep, and I've messed with printing it on the Mac too. I have many more print options on the Mac and I was able to scale it to fit on an 8.5x11-- still quite readable.

>This is exactly how I printed the schematic at work where I have the
>facilities to do this...Win95, Internet Explorer, HP Deskjet 600C. change
>to 8.5x14 and all is well...72 - Bruce(VE5RC)

I'll find out if it is OK to send out copies (for a SASE) to those ELMER 101 folks who would like one.

Chuck Carpenter W5USJ
RR1 Box 36A4
Point, TX 75472-9703

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sat, 28 Mar 1998 07:40:14 PST
From: "Craig LaBarge" <labarge@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [7064] WQ4RP at Core Banks - Strike 2!
Message-ID: <19980328154014.126.qmail@hotmail.com>
Content-Type: text/plain

Gang:

Well, twice I've heard WQ4RP operating from the Core Banks on 30 meters - last night and again this morning. Both times John, WB40FT, was in the middle of an extended QSO and by the time I had a chance to try tail-ending, the band faded on me. There's always tomorrow...

Nice 1-watt signal from down there, though. Sounds like they're having a ball.

73, Craig WB3GCK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 28 Mar 1998 07:41:48 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7065] Re: Why not needle nose pliers?
Message-ID: <Pine.SOL.3.96.980328073042.14559B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Use the edge of the same rule you
> use to measure length to bends.

Measure?

Wow, no wonder some of you guys/gals make such nice looking
rigs!!

Over the years I have used many methods.

Here is how I often do it with common parts like resistors.

Using my fingers I make a very "easy" bend and get both leads
pushed through the holes enough to grab on the other side.

Then I pull. As the part gets close to the board I push the
leads in near the ends of the resistor. Sometimes I finish
by pulling each lead with pliers to make it tight.

Only do this with parts that you have extra of! It is fast.

Something that was mentioned earlier and needs to really
be taken to heart....

Put all color banded parts in the same way. Holding the board
you should be able to read all the color codes from left to
right. Doesn't matter which way is which, just make them all
the same.

Put all parts that have values printed on them with the values

up!

Watch how you put the markings on things like disc caps. Put them facing "out" as best you can so they can be read.

Bottom line is taking the time to think about working on the rig later.

You do plan to modify it, right? :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 28 Mar 1998 10:44:17 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@Lehigh.EDU
Subject: [7066] Re: NorCal 2N2222 on Radio Havana Cuba
Message-ID: <19980328.074318.8167.0.sigcom@juno.com>

Paul,

I, being a "scrounger maximo", would love to know more about their -tube-rigs. Wouldn't it be a hoot to build a QRP rig from a Russian television set! How about a "group buy"? :-). Keep us posted.

73.....Steve, WB6TNL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 28 Mar 1998 11:19:35 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:labarge@hotmail.com" <labarge@hotmail.com>, QRP-L Discussion Group

<QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [7067] WQ4RP at Core Banks - Strike 2!
Message-ID: <199803281122_MC2-383F-2416@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Craig:

Well, surprised here! Worked him last evening on 30 Metres...but had forgotten about the Core Banks QTH. Wow! He was doing a fine job in a weird band. Setup here was Yaesu FT-900CAT to the dipole at 28' fed with 300-ohm line.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Sat, 28 Mar 98 8:53:01 PST
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
To: error@fidoi.cc.Lehigh.EDU, 550 Relaying Denied@fidoi.cc.Lehigh.EDU
Cc: qrp-l@Lehigh.EDU (qrp)
Subject: [7068] Re: Norcal Paddle mod question
Message-ID: <9803281653.AA20155@wizard.ucs.sfu.ca>

Hi Wayne,

Thanks for the tip. I ended up going another direction and am pleased with the result. I ended up soldering the relay contact to the arm. I first filled the hole with solder and then cleaned it up with fine emery paper. (I like the brushed look on the brass) I then balanced the contact in the centre of the solder patch and heated underneath til it dropped in place. A small vice and needle nose pliers are helpful at this point. Then clean up the back side with emery paper and assemble. I use the stainless set screws in the centre block to provide spacing and the steel set screws at the magnet points. I like the look a bit better and it functions great. Thanks for a great design. The only problem I have left is that the cable I used is a bit too big in diameter so I have to go to bigger feet to regain stability. I will post this to the reflector in the hope that others

will find this useful.

cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

>
> Hi Paul, Thanks for ur interest in the paddle kit. I have built over
> twenty of that design and have used relay contacts on all of them. You can
> order contacts from W7LS he sells them for \$1.00 perset of four. To mount
> them all you need to do is drill out the hole tha taccepts the allen wrench
> on the 6-32 set screw with a number 44 drill. Then tap the contact posts
> to 6-32 and do the same thing to onger 6-32 set screws from the hardware.
> alignment can be done by moving the contact posts in the hole while
> tightening the screw from the underside. It works great and well worth the
> effort.

> best 72 es gud luck de Wayne K8FF

>

> -----

> > From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Subject: Norcal Paddle mod question
> > Date: Friday, March 27, 1998 3:02 PM
> >

> > I am in the process of putting my kit together (my crome base looks
> > great, thanks Alan) and was wondering about replacing the contact
> > screws, on the paddle arms with relay contacts. The only ones I
> > have would need to be
> > soldered in place. Would like to compare notes with anyone who might
> > have already tried this.

> >

> > cheers, Paul VE7CQK/email: paul1@wizard.ucs.sfu.ca

> >

> >

>

Date: Sat, 28 Mar 1998 09:13:10 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: mike@krypton.nmr.Hawaii.Edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7069] Re: contest
Message-ID: <351D2FA6.B19B267C@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike W. Burger wrote:

>
> I worked some fun stations like LU6, PY4, LU5, RA0, VK2, ZL1, and an
> LU4. Then I parked on an empty frequency and started calling CQ
> contest.
>
> To my amazement I started a pileup! I worked nearly 50 Japan stations!
> in less than 30 minutes. With two 102 inch SS whips mounted as a
> dipole and 10 watts PEP.
>
> I switched to 15 meters and snagged a few more including an H44 and a
> BV4.

Did you ever write copy for the Gotham Antennas? (Old timers will understand).

Vic K2VC0

Date: Sat, 28 Mar 1998 11:33:04 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: rakefet@rakefet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7070] Re: contest
Message-ID: <351D3450.7FB7661B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ah, the memories (and the hype!) . . .

Vic Rosenthal wrote:

>
> Did you ever write copy for the Gotham Antennas? (Old timers will understand).
>
> Vic K2VC0

--
72/73, George
Amateur Radio W5YR
QRP-L #1373
QRP ARCI #9583
AutoPOWER Systems
Fairview, TX

Date: Sat, 28 Mar 98 10:37:18 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [7071] KK6MC/5 Fox Results and an Apology
Message-ID: <199803281737.LAA09092@endeavor.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

To all -

Things have been rather hectic in my business and personal life since the Fox hunt and I have not had the time to sit down and collate my results. Apologies to all, and especially to Chuck, who I would guess by now is innundated with requests for posting the final results.

I started at 0030 in an effort to straddle the sunset so I could pick up the locals and also the long skip later. It worked.

0030 W0CH MO

0031 K0EVZ MN

Doc was happy to work me early as his Irish Bride had made reservations in an Irish Pub for St. Patricks Day. My Guinness was only a few sips down by now!!

0033 W6ZH CA

Pete always has a big signal here and is easy to pick out of the pile up

0035 K50I NM

I think Tim and I worked each other each time we were the fox this year.

0036 W5YR TX

TX checks in to start the CA/TX fray. Unfortunately the snow started and precipitation static made copy difficult. S9 + 20 dB noise levels

0039 K6VNX CA

0040 AB5UA OK

0042 N6MM CA

Another big signal from CA checks in

0043 KU7Y NV

After years of considering NV rare, and having difficulties working it, I am still thrilled to work Ron in nearly every QRP event!

0044 Confusion reigned here, I thought I came back to NQ7K, but he didnt reply, then I thought I heard a "ZX" with no reply and finally worked Floyd;

0047 NQ7X AZ

0048 AB7TT AZ

Joe checks in with the happy dance and increases the AZ total

0050 K5ID AR

0051 N5LU OK

0053 KI7MN AZ

0054 K10J TX

0056 N7XJW AZ

The snow stopped and I am on a roll now!

0058 K1MG CA
0100 N7VE AZ
0102 W8RU MN
0105 K50N NM

Gary always has a nice signal here as well he should as we are separated by only about 10 miles as the crow flies. Due to the mountains we are not line of sight and ground wave is non existent. Hard for a prairie raised boy like me too understand.

0107 VE5RC SK

The sun has set and the skip is starting to lengthen.

0109 N5JI TX
0111 AA5TA TX
0112 KJ3V TN
0115 W0RW CO

This is what I like in the Fox Hunt, a nice mix of short and long skip, but the snow and QRN starts again.

0118 W8SFF MI
0120 K0EVZ MN

Doc returns from the Irish Pub, with Guinness and Harp generated worries that he didn't really work me the first time and checks in again. Or maybe he was worried about my Guinness impaired logging. The pint is half down now. No need to worry, you always have a pretty good signal here Doc.

0122 W7SSM CA
0124 AB7MY AZ

Big night for AZ and I am trying to figure out which modified rig Gary is using. The snow and QRN have subsided.

0125 W6BAB CA

Harvey's signal is always easy to pick out of a pile up.

0127 K2VCO CA

Another dominant CA signal in pileups

0128 W7KT AZ
0129 W6SU CA
0130 KF6CTA CA
0132 WA6NAE CA

Dwight's long call is also easy to extract form the mayhem, but I always stumble on his name

0136 N0UVR CO
0138 WE6W CA

Ed is another of those CA pileup killers

0140 K5ZTY TX
0142 KQ5UZ TX
0145 WA9PWP WI

0148 N5ZN I did not get his entire return so this may be a busted call?? Anyone claim it?

The QRM got intolerable and I QSYed up to 7042. I announced the frequency before hand. The pint is gone.

0151 N6VZ CA

Gary was waiting for me and there was no pile up - yet.

0153 W03B CA

For some reason Bob had a better signal here from MD. Maybe it was that 500 ft. loop.

0158 AB7TK ID

I now have the complete AB7T* QRP set.

0200 K5JHP TX

0201 NQ7K AZ

0202 N4ROA VA

The skip is real long now, but the short skip is still in. The Snow has stopped and the QRN is down to a manageable level.

0204 N7IR AZ

0206 KC1GB CT

0209 W2PFA NY

0211 N6WG CA

0213 W5FN TX

There is still propagation to CA/TX! Tim is another of those with good signals and fine pile up technique.

0216 WA8RYI MI

0220 K06KA CA

0221 N0UR MN

0223 WA6NAE CA

Dwight checks in again; it looks like I am going to have to keep a dupe sheet for the Fox Hunt. He thinks I have his call wrong, but I have corrected it. QRM must have been bad.

0224 VE7CQK BC

Paul always seems to make it in under the wire. Nice bit of DX to close out with though.

0226 KA5T TX

0227 W5USJ TX

TX pounds in the final nails

I called CQ from 0228 to the end at 0230, with no takers. Is my UTC off?

I get a total of 58 after I remove the dupes. Better than the 54 last time out, but not quite the goal of 60 I had set for myself. This is hard work.

For the record;

9 AZ, 15 CA, 10 TX

The antenna was in worse shape than I thought with two thirds of it on the ground, 11 ft in the air and 5 ft lying on the roof, so I am surprised I did this well. It must have been the 11 ft vertical portion.

My daughter lost a good friend to a cerebral hemorrhage earlier in the week and we have been dealing with her (and our own) grief. We will be leaving for the memorial service in a few hours. It is difficult to see a brilliant 16 year old die through no fault of her own.

Life deals blows that are more cruel than our youth deserve.

I will post more when I am in a better mood. If there are any mistakes, let me know. - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Sat, 28 Mar 1998 09:32:50 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: jjmcd@mdn.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7072] Re: Elmer 101 NE612's/ Sockets????
Message-ID: <eZGzwIACPMH1Ew2V@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <199803271817.2726900@midland2.mdn.net>, "John J. McDonough" <jjmcd@mdn.net> writes

>> From: Gary L Surrency <gsurrency@juno.com>; owner-qrp-1@Lehigh.EDU

>>

>> Ray Lowe, WD5DHK wrote:

>>

>> >A potential problem that I have seen several times with sockets is

>> >corrosion between the I.C. pins and the socket.

>>

>> Must be that Gulf coast humidity - huh Ray? ;-)

>

>Not just the socket, but the chip, too. Take a look at the leads of an IC
>that's been sitting in the junkbox for 5 or 10 years. If it's one of the
>'good' ones with the silver plating, worse yet! I haven't seen an IC with
>gold plated leads in years, but if you don't want to be reseating ICs, you

>need the gold leads as well as the gold socket.

Good sockets, like the turned-pin ones, are "gas-tight", and you shouldn't get corrosion at the contacts themselves.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " ["/diy_dsp.htm](#) for a simple DIY DSP ADSP-2104 system.

Date: Sat, 28 Mar 1998 09:25:33 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: crucis@sky.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7073] Re: Battery chargers
Message-ID: <apFyMEANIMH1EwV5@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <351BC640.FF4DC779@sky.net>, Mike - W0TMW <crucis@sky.net> writes

>I don't remember if I've asked this before...

>

>I don't use batteries, I've several regulated PS from 1Amp up to 25Amps. What
>do you use to recharge a gel cell. A regular lead-acid recharger such as you'd
>use for you car battery? A homebrew recharger?

A car battery charger will ruin them, they should be charged at a constant voltage with the correct current limiting for the cell (it varies according to the capacity).

I just use a 317 regulator set to 2.4 V to 2.5 V per cell - 14.4 V to 15.0 V for a 12 V battery. This is for cyclic use, float charging is 2.25 V to 2.3 V per cell. I should really be limiting the current to the correct value, but I can't be bothered to add the additional circuitry.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " ["/diy_dsp.htm](#) for a simple DIY DSP ADSP-2104 system.

Date: Sat, 28 Mar 98 10:59:44 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [7074] The Fox Stands Corrected
Message-ID: <199803281759.LAA13600@endeavor.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

To all - I have made at least one mistake in my Fox list, and Roger has found it.

"0128 W7KT AZ"

Should be, of course, N7KT.

It is right in the log. I guess those badgers are coming out of hibernation.

Sorry Roger. See you in Tuthill. - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Sat, 28 Mar 1998 13:28:34 EST
From: DENNIS MO <DENNISMO@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [7075] TOWER WOES
Message-ID: <32a8ac80.351d4155@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang -

This rather long sad story is related to QRP in that everyone agrees how important to your QRP'ing your antenna is.

I would like to put up a tower and a 10M-15M-20M beam in my back yard. However, in the county of Santa Barbara where I live it costs as much or more for a "Conditional Use" permit - about \$1650.00- than it does for some towers. I'm told that the permit money is divided among the various county departments that would review my "project". In other words it is the same permit that I would be required to pay for if I was planning to build an entire shopping mall! No different! The process goes something like this: each department, including Flood Control? gets a crack at it. If they find that the structure is in compliance with all zoning, safety, and building codes the county invites all my neighbors to a "town hearing" to hear if any of them has any objections to the project. I'm told that if anyone has a compelling reason why the request should be denied the county would nix the whole thing. There are no CCR's that would prohibit the installations either. When I asked the county if I would get back any of my \$1650.00 if my request is denied they almost laughed at me when they told me that "... of course not. The money is spent on the reviewing department and the cost of the town meeting"!

Well, I think I'd get better odds in Vegas than gambling with the county of Santa Barbara. That's my sad story folks. But here is the question that maybe some of you could help me with: Has anyone either done this or heard of it being done - I have three (3) 50 foot plus pine trees within 5 feet of each other in my front yard. I had this crazy idea of somehow installing a short mast equipped with a rotor and beam to the side of one of those trees tops. Hey desperate times call for desperate measures. hi hi I'm sure that the county would probably have a problem with this idea, too.

Any help and/or suggestions as to how I can get a beam up above my rooftop would be very much appreciated. BTW - the county said that any type of "transmitting" antenna no matter how high or where located still requires the use of the permitting process described above. HELP .>!!!!!!

73's es 72's de Denny / KF6NJQ

Denny / KF6NJQ
FISTS # 4570 / QRP-L # 1359
10-X # 69158
Promise Keeper

HAMing It Up Everyday In Goleta, CA

Section: Santa Barbara

Long: 34.437 N Lat: 119.868 W
Grid: DM04BK

Date: Sat, 28 Mar 1998 14:05:01 -0500
From: Ed <edn4pk@VoyagerOnline.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [7076] Re: contest
Message-ID: <351D49DD.5CF19919@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I did manage to work my neighbors 8 track stereo very well with one..
Ed N4PK .. hihihehe

Date: Sat, 28 Mar 98 08:49:28 HST
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
To: qrp-1@Lehigh.EDU
Subject: [7077] Gotham
Message-ID: <9803281849.AA04887@krypton.nmr.Hawaii.Edu>

Well I guess I am not that old a timer, though I do have my
ARRL Old Timer's Certificate.

However, first thing this morning I did work 3d2wc on 21.305
using the same 10 watts PEP and two hustler whips with 15 meter
resonators set up like giant rabbit ears. Got him on one
call. Time to get out the 102 inch whips and see if 10 is
back this morning.

Even with 50 contacts, paper logging SUCKS! I already embarassed

myself by calling a JA dupe.

When I went to purchase the whips at Radio Shack, who still sells these old things, the clerk looked them up, yep there they are in the catalog "102 inch SS whip", he got the part number and rushed right over to the antenna section and started checking the part numbers on all the cardboards hanging up with 18 inch whips, 20 inch replacement car antennas, etc. I watched for a while and then mentioned there was a clue here. It was called a 102 inch whip. It probably was not on one of the short cards hanging up. It was probably in the back, tall as the store ceiling. Sure enough after a bit in the back he came out with an eight foot plus cardboard tube. Compared to the Hustler whips with 10 meter resonators, these two SS whips are vastly more broad banded and the upright V configuration seems to resonate them nicely on 10 meters instead of CB frequencies, though they should be a bit too long in theory.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

Date: Sat, 28 Mar 1998 11:12:39 PST
From: "Craig LaBarge" <labarge@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [7078] WQ4RP at Core Banks - Connect!
Message-ID: <19980328191240.7439.qmail@hotmail.com>
Content-Type: text/plain

Not too long after I posted my earlier message about missing WQ4RP twice on 30 meters, I took a brief break from washing the car and tuned across 30 meters. I caught WQ4RP (Op: John WB4OFT) just coming on the air and snagged him. Conditions weren't all that great but managed a brief chat with him. John said he was running a SW-30 (1 watt) into a vertical and was operating about 200 feet from the ocean. Boy, do I envy those guys!

So, the trusty SST (2 watts) and the "rusty" rainspout antenna came through for me again! :-)

73, Craig WB3GCK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sat, 28 Mar 1998 13:31:16 -0600
From: "JUNIUS B FOX" <w5hir@gte.net>
To: <qrp-1@Lehigh.EDU>
Subject: [7079] WTB Coil stock
Message-ID: <01bd5a80\$136d8420\$de6afed0@w5hir.gte.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I have a project on the drawing board, and need a coil appx.
2 or 2 1/2" diameter abt. 12tpi. I need about 6 or 7 inches of it.
If you have some in reasonable shape, please let me know by
e-mail w5hir@gte.net.

Also, if you have any roller coils that you want to sell, let me know
by the same method. I don't need hundreds, but I do need several.
One-at-a-time will be good enough.

regards,

Foxy

Date: Sat, 28 Mar 1998 12:44:54 PST
From: "Ray Lowe" <wd5dhk@hotmail.com>
To: qrp-1@Lehigh.EDU, gsurrency@juno.com
Subject: [7080] Re: Elmer 101 NE612's/ Sockets????
Message-ID: <19980328204454.13072.qmail@hotmail.com>
Content-Type: text/plain

>Ray Lowe, WD5DHK wrote:

>

>>A potential problem that I have seen several times with sockets is
>>corrosion between the I.C. pins and the socket.

>

>Must be that Gulf coast humidity - huh Ray? ;-)

>

>Not a problem in AZ, but it was when I lived in FL. Heath
used poor quality sockets.

It made a difference that it was a government related job that was on a
low bid system. The sockets were the lowest quality (read cheapest) ones
that were around. the irony is that replacement components (transistors,
chips, ect but not sockets) were all supposed to be ECG if available. The
last time I looked, the 2n2222 equivalent was about \$2 as well as I
remember.

72/73

Ray Lowe

WD5DHK

Lancaster, Tx (near Dallas)

<http://members.wbs.net/homepages/w/d/5/wd5dhk.html>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 22 Mar 98 00:33:21 PST

From: "Roy Lincoln" <cc1595@cocentral.com>

To: wd5dhk@hotmail.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [7081] Re: Elmer 101 NE612's/ Sockets????

Message-ID: <MAPI.Id.0016.00633135393520203030303630303036@MAPI.to.RFC822>

MIME-Version: 1.0

Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"

Content-Transfer-Encoding: quoted-printable

yes, but you're supposed to know that when you buy a replacement part from
m ECG, TCG, SK, etc. that you are buying "convenience". If you don't then shame
me on you! 73 Roy WA4DOU

>

>

> >Ray Lowe, WD5DHK wrote:

> >

> >>A potential problem that I have seen several times with sockets is =

> >>corrosion between the I.C. pins and the socket.

> >

> >Must be that Gulf coast humidity - huh Ray? ;-)

> >

> >Not a problem in AZ, but it was when I lived in FL. Heath

> used poor quality sockets.

> It made a difference that it was a government related job that was on =

a
> low bid system. The sockets were the lowest quality (read cheapest) ones
> that were around. the irony is that replacement components (transistors=
,
> chips, ect but not sockets) were all supposed to be ECG if available. The
> last time I looked, the 2n2222 equivalent was about \$2 as well as I
> remember.
> 72/73
> Ray Lowe
> WD5DHK
> Lancaster, Tx (near Dallas)
> <http://members.wbs.net/homepages/w/d/5/wd5dhk.html>
>
>
>
> -----
> Get Your Private, Free Email at <http://www.hotmail.com>
>
>

Date: Sat, 28 Mar 1998 17:19:37 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "tower" <tower@contesting.com>, "qrp" <qrp-1@Lehigh.EDU>, "baswaplist"
<baswaplist@foothill.net>, "vss" <vss@m1ist.access.digex.net>
Subject: [7082] WTS(wap) Turbine and constant speed drive for R390A
Message-ID: <199803282105.QAA03523@atl.org>

OK, so it's a weird swap.
It's neat though (that's how it came to be here!)

Have: Turbine and constant speed drive.
AIRsearch:
drive pn CSDS100-24A
turbine pn ????? (couldn't find it)

I got this in the sealed pouch the refurb shop put it in after rebuild. I recently opened the pouch looking for any documentation inside. Found an EHR card with matching serial number and a notation that the unit had been overhauled and was ready for service. There was also enough info to learn that it had been associated with a 'starboard' J52 prior to visiting the refurb shop. All tubing is capped. It's on a shipping fixture.

Inlet, outlet, and mechanical ports are all capped.

Turbine is various stainless steel alloys.

CSD is cast aluminum.

It's about knee high on me.

Weight 65lbs.

Estimated to be 100HP + based on port size and other turbines I've seen.

Stator control, various sensors, etc. all appear to be attached (no empty places for any of this stuff to connect)

That's about all I've been able to learn about it.

Want:

I'd like to swap this for an R390A (which I need for another swap :-)

R390A should have meters. Do not need covers but would be nice.

If it was working and isn't now, that's OK, I can fix if it's all there and physically undamaged. If you've never seen it work, write anyway as exceptionally clean/complete, non working will carry as much weight as average condx, working, with meters.

No manual with mine so I don't need one with yours :-)

I ship this you ship that.

I'm in Atlanta so the closer, the better.

QRP guys, field power!

tower guys, rotator motor!

vss, It's from the 60's!

baswap guys, what can I say, it's more impractical but too neat '0' to resist stuff.

or use as....

coffee table support?

lamp base?

Bee Smoker?

email or phone but don't phone until Monday!

404-888-0389 (not until Monday)

Photo possible by email after Monday.

-bob

wb4mnf

Date: Sat, 28 Mar 1998 16:39:21 EST

From: RangerSF5 <RangerSF5@aol.com>

To: qrp-1@Lehigh.EDU
Subject: [7083] snail mail
Message-ID: <be35d524.351d6e0b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

To the person who sent me a check for \$45.00 it arrived today.
Not bad only took 19 days to get here.
Ok well rather then send it back,you want me to put a match to it??
Bob
WA2HOQ

Date: Sat, 28 Mar 1998 21:43:13 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: leon@lfheller.demon.co.uk
Cc: qrp-1@Lehigh.EDU
Subject: [7084] Re: Battery chargers
Message-ID: <199803282143.VAA03072@chuck.dallas.sgi.com>

On the topic of chargers for Gel-cells. Read all the literature
you can on gel-cells. It will save you from ruining them.

I stopped this morning at Tanner Electronics here in Dallas on
the way to the golf course with Phyllis (she just took up the
game). They don't do mail order, so this won't help the guys
and gals on the list much.

They have some large wall-wart chargers for Gel-cells for \$5.95.
I picked up one to play with, of course. I can't go into the
mail order business, so please don't hound me about it. :-)

But, the guys and gals in CA are in luck. I will be in CA
next Sunday for the NorCal meeting, if I can get a Saturday
plane going standby, both Phyllis and I. But I will be out
there two weeks either way, so if the guys at the pizza meeting
want me to pick up one, send me email. I'll beat you up for
the money when I get there. :-)

Here is what I get off the markings on the charger:

POWER PS SONIC , Redwood City, CA Float Charger PSC-12500-F

Input 120VAC 60Hz 0.18A
Output 12VDC, 0.5A

CAUTION indoor use only. Direct plug-in battery charger for use with signaling or computer related equipment
Charge only non-automotive lead acid type rechargeable batteries of 10Ahr max. Other types of batteries may burst causing personal injury and damage

Type 1: fast charge 14.4 end charge 13.8VDC

The charger has two screw terminals for connecting + and - wires.

These are sold as used, but mine looks new. I'll do some measurements and report later. Hand delivery to CA only this trip. I'll take names and see how many orders I can fill. Hope the baggage holds up. :-). I think I saw 8 or 10 and I'll try to beat the locals to them when they read this. :-)

Also picked up two tunable inductors to use the cores and a 2SC2078 for the SW-40+ prototype to change out the IRF510.

The final SW-40+ uses the 2SC2078 TO220 case as so many have guessed from the web photos. :-). Also C7 is not needed unless you can't squeeze the turns to get the range that you want. I didn't use C7 on the final SW-40+, but Dave gives you a wide range just in case.

OK, back to your weekend. Off looking for beacons.

dit dit

Chuck Adams K5FO Dallas, TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Sat, 28 Mar 1998 17:10:25 -0500
From: nilsbull@juno.com (Nils R Young)
To: pharden@aoc.nrao.edu, QRP-L@Lehigh.EDU
Subject: [7085] Re: NorCal 2N2222 on Radio Havana Cuba
Message-ID: <19980328.171031.6566.2.nilsbull@juno.com>

Paul,

Yeah, if nothing else, I'd like to see what Arnie has to say. Your posting brought back a lot of memories and one big-time warning, which may or not be that necessary, now that the USGov is trying to lighten up

on the "bloqueo."

I have sent IRCs to RHC a couple times, since it is the only way that I can safely send them anything that looks like payment for whatever they've sent me over the 30+ years that I've been SWLing. (RHC was one of the first stations that I heard back in the early 60s when my father bought me the S38E for \$71.75. Developed a great Cuban accent in my highschool Spanish that way. Got a copy of Fidel's book "La Historia Me Absolvera" & some other stuff . . .)

Until recently it was illegal to send the Cubans cash. Maybe there was a limit, but I never wanted to test the powers of the postal organs, since most mail to Cuba probably goes through the NSA's Langley, VA "mail to unfriendly places filter." I'm not sure what kind of trouble you'd get into sending them a QRP rig, but I'd bet you'd at least get a visit from the X-Files gang. Tell 'em it's to help your ex-brother-in-law Raul Olsen Patmabananda's ghost get back into the body of the dancing girl that you're trying to contact via an on-line psychic in Del Rio, Texas, or something.

(I showed my friend from Eastern Turkistan the tiny board of my much abused and now non-functional 38S & he was amazed . . . something that small would be big business in the hands of a dissident gang back home.)

73 & hasta el tope!

Nils

P.S.: Yeah, a group buy on old Soviet-bloc TV sets . . . now that would be sweet. AND I could use these to Eastern Bloc keys that I got off Dick Pascoe last year at Dayton. MIGHT even make the chirp more authentic. (Conversaremos con llaves autenticas para emitir un se al de tipo caracteristico. Que buena la vida, compa eros!)

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com
<http://www.geocities.com/Athens/Olympus/9172>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 28 Mar 1998 22:32:41 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-1@Lehigh.EDU
Subject: [7086] Ham Radio Mag Query
Message-ID: <3.0.16.19980328223236.088f3742@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Trust me, this is qrp related. In what year did Ham Radio Magazine begin publication?
HR's all over my shack... what a mess.

81F in Somerset, KY. Have a good weekend... Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Sat, 28 Mar 1998 18:52:41 +0000
From: Frank G3YCC <g3ycc@g3ycc.prestel.co.uk>
To: "'gqrp-1@blacksheep.org'" <gqrp-1@blacksheep.org>, qrp-1@Lehigh.EDU
Subject: [7087] Web site
Message-ID: <NmJNvKA5bUH1Ew3S@g3ycc.prestel.co.uk>
MIME-Version: 1.0

New stuff arrives every few days! Check in regularly. Have uploaded a list of some major UK radio suppliers. some of which (? whom) have web sites. Don't visit without putting an entry in my Guest Book, though! Enjoy your QRPing and remember, it's only a hobby (eh?)!

--
Frank G3YCC GQRP 042 (email g3ycc@g3ycc.prestel.co.uk)
QRP Web Page: <http://www.homeusers.prestel.co.uk/g3ycc/>
Packet: G3YCC@GB7HUL

Date: Sat, 28 Mar 1998 17:57:39 -0500 (EST)
From: Bruce Muscolino <w6toy@pop.erols.com>
To: gonzaga@med.up.pt
Cc: QRP-L@Lehigh.EDU
Subject: [7088] RE: Walking Stick Antenna ??
Message-ID: <2.2.16.19980328184930.08c76564@pop.erols.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

It seems to me that our very own Dave "Small Wonder" Benson designed a walking stick antenna for the NE QRP Club magazine a few years ago. I probably have the article in my archives -- I'll take a look. Oh, and if I've confused Dave with someone else in NE-QRP, I apologize; put it down to old age!

73

Date: Sat, 28 Mar 1998 18:04:34 -0500 (EST)
From: Bruce Muscolino <w6toy@pop.erols.com>
To: QRP-L@Lehigh.EDU
Subject: [7089] Timonium Hamfest QRP Forum
Message-ID: <2.2.16.19980328185624.08c757c2@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A large vote of thanks to Scott Rosenfeld, Craig Sterling, Mike Czuhajewski, and Ron Polytika, for their help this morning with the QRP Forum at Timonium. We had somewhere between 23 and 27 attendees (ok, I can't count) and were well received. There were even a few folks who'd never done QRP before! I'm pretty sure we will be invited back next year, and maybe for the July hamfest as well.

For those of you who have not been to the big "T", it's getting to look a lot like Dayton on a shorter scale. They had THREE buildings in use plus two large parking lots full of tailgaters. It is definitely on the way to becoming one of the premium hamfests on this coast. And, one thing I couldn't help but notice was that along with the inevitable computer sompanies, (after all, computer show is in the name) there wer a whole lot of guys selling HAM RADIO gear. Now when's the last time you saw that at a hamfest?

73

Date: Sat, 28 Mar 1998 18:22:19 -0500
From: Ken Newman <n2cq@citnet.com>
To: njqrp@njqrp.org, QRP-L@Lehigh.EDU
Subject: [7090] WQ2RP Lives!

Message-ID: <1.5.4.16.19980328231648.274fc332@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To All,

NJ QRP Club announces the new callsign for the up coming contests.
WQ2RP was our first choice, and received in a short waiting time.

Look for us in the QRP ARCI Spring Test and QTTF.

WE'LL BE THERE!

New QRP ARCI member number is requested via snailmail.

72/73,

Ken Newman, N2CQ

Woodbury, NJ

N2CQ@Citnet.com

Date: Sat, 28 Mar 1998 15:37:18 -0800
From: Robert Bayha <rbayha@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [7091] Re: Battery charges
Message-ID: <351D89AE.845A60D2@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FYI... the battery charges that Chuck mentioned in his post are sold new
at my local "toy store" for somewhere in the neighborhood of \$40. They
are nice chargers... "el primo wall warts".

--

Bob Bayha, K6RKB
QRP-L #1209, QRP-ARCI #9505
CQC #488 G-QRP #9884, NorCal #2394

Date: Sat, 28 Mar 1998 23:34:03 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: ka8okh@som-uky.campus.mci.net, qrp-l@Lehigh.EDU
Subject: [7092] Re: Ham Radio Mag Query
Message-ID: <199803282348.SAA10187@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

My copy of the first issue is dated March 1968...

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> The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>
>
>
>
>
73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

End of QRP-L Digest 1043

